

# U.S. Department of Energy Sustainability Performance Office DOE Sustainability SPOTlight

Issue 26 October 2013

## SUSTAINABILITY NEWS

### Secretary Moniz Dedicates New Clean Energy Research Center at NREL

Secretary Moniz joined NREL on September 11 for the grand opening and dedication of the [Energy Systems Integration Facility \(ESIF\)](#). This unique facility brings together researchers from industry and government to scale-up promising clean energy technologies and plan for integration into the nation's electricity grid. ESIF "will be a major focus of DOE to help us transform the energy system to the one we need in 2030", Moniz said. ESIF is designed to earn a LEED Platinum rating and expects to be the highest certified facility of its kind to include a high performance data center as a major building component.



From left to right: EERE Assistant Secretary David Danielson, DOE Secretary Ernest Moniz, NREL Director Dan Arivzu

To learn more about the new facility, visit:

[http://www.nrel.gov/news/features/feature\\_detail.cfm/feature\\_id=3298](http://www.nrel.gov/news/features/feature_detail.cfm/feature_id=3298).

### SPO Hosting SSP/CEDR Open Line Help Calls to Assist Annual Sustainability Reporting

The Sustainability Performance Office will be hosting weekly open line help calls to assist DOE sites with completing their Site Sustainability Plans (SSP) and Consolidated Energy Data Reports (CEDR). The calls will occur every Wednesday from 1:00-3:00 PM (Eastern), beginning September 25, 2013 through November 20, 2013. Attendance is optional; however, DOE site personnel with responsibilities for completing sustainability data reporting are encouraged to participate. For more information, visit [www.sustainability.energy.gov/calendar](http://www.sustainability.energy.gov/calendar) or contact the Sustainability Performance Office at [sustainability@hq.doe.gov](mailto:sustainability@hq.doe.gov).

### ORNL Hosts Sustainability Summit and Lab Meeting

In August, ORNL hosted the 3rd Annual Southeast Sustainability Summit in Knoxville, TN. The Summit brought nearly 300 regional and national experts together to share insights, case studies, and practical knowledge needed to advance a culture of sustainability and implement energy efficiency, renewable energy, and energy management projects. One of the highlights during the Summit was the announcement of a new non-profit—the Southeast Sustainability Group (SSG). A DOE Lab Sustainability Representative Meeting was also held during the week, which brought together sustainability leaders from ANL, INL, NREL, PNNL, Y-12, Battelle, and the Sustainability Performance Office.

To learn more about ORNL's sustainability efforts, visit: <http://sustainability-ornl.org>.

## SUSTAINABILITY SUPERSTAR



Jason Pope recently led an initiative to bring PNNL's nuclear research laboratory into compliance with the Guiding Principles for Existing Buildings. Jason was aided by Dave Brown, Chief Engineer, as well as the entire Buildings Management team in completing this accomplishment. This project serves as the latest example of DOE sites integrating sustainable design into DOE's unique mission.

***Send us your champion!***



Participants from the DOE Lab Representatives Meeting



**October is Energy Action Month** This year's theme calls on Federal employees to take action and empower leadership, innovation, and excellence to realize a secure energy future. To learn more and to download materials, visit: [https://www1.eere.energy.gov/femp/services/energy\\_aware.html](https://www1.eere.energy.gov/femp/services/energy_aware.html).

## UPCOMING EVENTS AND MILESTONES



(Click to view SPO Calendar) ↑

### COURSES, WEBINARS, AND EVENTS

Oct. 2: [SSP/CEDR Help Line Open Call](#)  
 Oct. 9: [SSP/CEDR Help Line Open Call](#)  
 Oct. 16: [SSP/CEDR Help Line Open Call](#)  
 Oct. 22: [Introduction to UESC Webinar](#)  
 Oct. 23: [SSP/CEDR Help Line Open Call](#)  
 Oct. 30: [SSP/CEDR Help Line Open Call](#)

## ON-DEMAND TRAINING

### Certifications

[GSA-Sponsored LEED Training Certification for Federal Employees](#)

### Financing

[ESPCs for Small Sites](#)

[UESCs and Energy Project Funds](#)

### Buildings

[Commissioning for Federal Facilities](#)

[Operations, Maintenance, and Commissioning](#)

[Implementing Deep Retrofits](#)

### Water

[Water Efficiency Planning and Implementation](#)

[Stormwater Management & Water Conservation](#)

### Data Centers

[Data Center Efficiency with ASHRAE Thermal Guidelines](#)

[Labs, Data Centers and High-Tech Facilities](#)

### Greenhouse Gas Reporting

[Federal GHG Accounting and Reporting](#)

## SUSTAINABILITY NEWS

### DOE Receives Award for Green Power Purchases

DOE recently received a 2013 Green Power Leadership Award from the U.S. Environmental Protection Agency (EPA) in recognition for its commitment and contribution to helping advance the development of the nation's voluntary green power market. The Department is consuming more than 698 million kilowatt-hours (kWh) of green power annually, which is equal to 13.8 percent of the organization's purchased electricity use. The Department currently ranks No. 6 on EPA's National Top 50 list, as well as No. 2 on EPA's Top 20 on-site list, and No. 1 on EPA's Top 10 Federal Government list.

To view the official press release, visit: <http://energy.gov/eere/articles/energy-department-receives-epa-award-top-green-power-purchase>.

## SUCCESS STORIES

### Pantex Repurposes Equipment for Big Savings

B&W Pantex Radiation Safety personnel recently saved the Plant approximately \$100,000 by repurposing an old decontamination trailer rather than buying a new one. Innovative thinking and a willingness to look for creative solutions to existing problems allowed B&W Pantex personnel to improve the radiation safety capabilities of the site. The Plant also utilized a local small business while controlling the overall cost of the project.

For more information on this project, visit: <http://nnsa.energy.gov/blog/pantex-saves-100000-repurposing-old-trailer>.

### PNNL Installs Fixit Stations to Assist Bicycle Commuters

PNNL's Sustainability Team recently installed a series of bicycle fixing stations across its Richland campus to enable employees to make minor adjustments and repairs to their bicycles. The fixit stations, which include basic tools and an air pump, are popular on many college campuses across the county. Feedback from site commuters prompted the initiative in hopes to increase commuter ridership by providing an easy and convenient solution for common bicycle issues.

For more information on this project, contact Mike Moran at [mike.moran@pnnl.gov](mailto:mike.moran@pnnl.gov).



A replica of PNNL's bike stations

## SUSTAINABILITY RESOURCES

### USPS BlueEarth Programs Make Recycling Easier for Federal Agencies

BlueEarth is a group of recycling programs coordinated by the U.S. Postal Service (USPS) to assist federal agencies and their employees with proper handling and disposition of items such as empty ink cartridges and unwanted small electronics. In Spring 2013, DOE partnered with USPS through a Memorandum of Understanding (MOU) to provide these opportunities to DOE employees. Since the MOU was signed, several DOE sites have enrolled in the recycling program, including sites from Fossil Energy, NNSA, the Office of Science, as well as the Power Marketing Administrations.

For more information and to get involved, visit: <http://blueearth.usps.gov/>.

**Federal Recycling Programs**  
**USPS BlueEarth™**



Check out CEQ's latest GreenGov Leader newsletter: <http://go.usa.gov/g8yT>



U.S. DEPARTMENT OF  
**ENERGY**

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